

LEGEND

SB-01

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SOIL BORING LOCATION

LP-02

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LEACH PIT LOCATION

MW-01

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MONITORING WELL LOCATION

SS-08

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SURFACE SOIL SAMPLE LOCATION

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320

CONTOUR LINE (20 FT INTERVAL)

APPROXIMATE REFUSE AREA

APPROXIMATE WETLAND AREA

NOTES:

1. SURFACE SOIL LOCATIONS SS-01 TO SS-05 AND ALL SOIL BORING LOCATIONS ARE APPROXIMATE.

2. LOCATIONS OF FORMER MAGNA METALS BUILDING, 1 STORY CONCRETE BLOCK BUILDING, SHED, GEOPHYSICAL SURVEY AREA, AND MONITORING WELLS ARE BASED ON SURVEY DATA.

3. SURFACE SOIL LOCATIONS SS-06 TO SS-15 ARE BASED ON GPS COORDINATES.

FT BGS – FEET BELOW GROUND SURFACE

MG/KG – MILLIGRAM PER KILOGRAM

UG/KG – MICROGRAM PER KILOGRAM

COC – CONTAMINANT OF CONCERN

NYSDEC – NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

QUALIFIERS:

D – FROM A DILUTED SAMPLE

J – ESTIMATED

N – PRESUMPTIVELY PRESENT

P – COMPOUND HAD A GREATER THAN 25% DIFFERENCE FOR THE DETECTED CONCENTRATION BETWEEN THE TWO GAS CHROMATOGRAPH COLUMNS.

SOURCES:

1. CONTOUR LINES, FURNACE DOCK ROAD, AND FURNACE BROOK BELOW POND BASED ON MOHEGAN LAKE, NY AND PEEKSKILL, NY TOPOGRAPHIC QUADRANGLES, 7.5-MINUTE SERIES, DATED 1956 AND 1957, RESPECTIVELY, AND PHOTOREVISED IN 1981.

2. ADDITIONAL SURFACE FEATURES BASED ON WESTCHESTER COUNTY DEPARTMENT OF PLANNING AERIAL PHOTOGRAPH (SPRING 1990), DECEMBER 18, 1999 AERIAL PHOTOGRAPH, AND SURVEY DATA.

3. APPROXIMATE REFUSE AREA BASED ON NYSDEC DRAWING.

4. APPROXIMATE WETLAND AREA BASED ON FIELD OBSERVATIONS.

5. TOPOGRAPHIC LINES ARE APPROXIMATE.

COMPARISON CRITERIA FOR ALL SAMPLE LOCATIONS

Constituent	Units	Unrestricted Use Soil Cleanup Objective
Benzo(a)pyrene	(ug/kg)	1000
Benzo(b)fluoranthene	(ug/kg)	1000
Arsenic	(mg/kg)	13
Chromium	(mg/kg)	30
Copper	(mg/kg)	50
Lead	(mg/kg)	63
Mercury	(mg/kg)	0.18
Nickel	(mg/kg)	30
Selenium	(mg/kg)	3.9
Zinc	(mg/kg)	109
Cyanide	(mg/kg)	27

